



BN/SB/08A/B

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1

of

1

**Complete if Known**

Application Number	10/524,019
Filing Date	August 23, 2003
First Named Inventor	Masahiko TANIKAWA et al
Group Art Unit	1645
Confirmation No.	7565
Attorney Docket Number	TANIKAWA =1

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
TU	BI	US-2003/0092622 A1	05-15-2003	SATO et al	
TU	BQ	US-5,584,994 A	12-17-1996	HATTORI et al	
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**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>3</sup>
		Country Code <sup>4</sup> Number <sup>5</sup> Kind Code <sup>6</sup> (if known)				
TU	BJ	EP 1 329 224 A1	07-23-2003	CHUGAI SEIYAKU KABUSHIKI KAISHA		
TU	BK	EP 1 232 753 A1	08-21-2002	CHUGAI SEIYAKU KABUSHIKI KAISHA		
TU	BL	EP 1 197 221 A1	04-17-2002	CHUGAI SEIYAKU KABUSHIKI KAISHA		
TU	BM	EP 0 178 665 A2	04-23-1986	CHUGAI SEIYAKU KABUSHIKI KAISHA		
TU	BN	JP 2001-340062 A	12-11-2001	KABUSHIKI KAISHA TOYO SHIN'YAKU		
TU	BO	JP 2000-229815 A	08-22-2000	HATTORI, Toshimitsu		
TU	BP	JP 1-262988 a	10-19-1989	KABUSHIKI KAISHA SHOKO KAGAKU KENKYUSHO		

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/Thane Underdahl/

Date  
Considered

12/13/2006

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Sheet 1

of 3

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Application Number	10/524,019
Filing Date	August 26, 2003
First Named Inventor	Masahiko TANIKAWA et al
Group Art Unit	1645
Confirmation No.	7565
Attorney Docket Number	TANIKAWA =1

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Number Country Code <sup>2</sup> Number <sup>3</sup> Kind Code <sup>4</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>5</sup>
TU	AA	EP 0 239 400 B1	09-30-1987	MEDICAL RESEARCH COUNCIL		
TU	AB	JP 58-201994 A	11-25-1983	HAGIWARA HIDEAKI		Abs
TU	AC	JP 61-12288 A	01-20-1986			Trans
TU	AD	JP 1-59878 B2	12-20-1989	HAGIWARA HIDEAKI		Abs
TU	AE	JP 08-151398 A	06-11-1996	AMGEN		Abs
TU	AF	JP 11-092399 A	04-06-1999	CHUGAI PHARMACEUT CO LTD		Abs
TU	AG	JP 2001-503781 A	03-21-2001			Trans
TU	AH	JP 08-506023 A	07-02-1996			Trans
TU	AI	WO 95/05465 A1	02-23-1995	AMGEN		
TU	AJ	WO 90/12874 A2	11-01-1990	GENETICS INSTITUTE, INC.		
TU	AK	WO 92/01047 A1	01-23-1992	CAMBRIDGE ANTIBODY TECHNOLOGY LIMITED; MEDICAL RESEARCH COUNCIL		
TU	AL	WO 92/03918 A1	03-19-1992	GENPHARM INTERNATIONAL INC.		
TU	AM	WO 92/19759 A1	11-12-1992	CHUGAI PHARMACEUTICAL CO., LTD.		Abs
TU	AN	WO 92/20791 A1	11-26-1992	CAMBRIDGE ANTIBODY TECHNOLOGY LIMITED; MEDICAL RESEARCH COUNCIL		
TU	AO	WO 93/06213 A1	04-01-1993	MEDICAL RESEARCH COUNCIL; CAMBRIDGE ANTIBODY TECHNOLOGY LIMITED		
TU	AP	WO 93/11236 A1	06-10-1993	MEDICAL RESEARCH COUNCIL; CAMBRIDGE ANTIBODY TECHNOLOGY LIMITED		
TU	AQ	WO 93/12227 A1	06-24-1993	GENPHARM INTERNATIONAL, INC.		
TU	AR	WO 93/19172 A1	09-30-1993	CAMBRIDGE ANTIBODY TECHNOLOGY LIMITED; MEDICAL RESEARCH COUNCIL		

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Sheet	2
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2

of

3

Attorney Docket Number

TANIKAWA = 1

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Application Number

10/524,019

Filing Date

**August 23, 2003**

**First Named Inventor**

Masahiko TANIKAWA et al

**Group Art Unit**

1645

**Confirmation No.**

7565

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TANIKAWA = 1

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Attorney Docket Number	TANIKAWA =1

**OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
TU	BD	BORREBAECK, Carl and James Larrick. Eds. Therapeutic Monoclonal Antibodies. 1990. London, UK, Macmillan Publishers Ltd.	
TU	BE	GALFRE, G. and C. Milstein. "Preparation of Monoclonal Antibodies: Strategies and Procedures". Methods in Enzymology, 1981. 73:3-46.	
TU	BF	SATO, Koh, et al. "Reshaping a Human Antibody to Inhibit the Interleukin 6-dependent Tumor Cell". Cancer Research. February 15, 1993. 53:851-856.	
TU	BG	THE EUROPEAN PHARMACOPOEIA. "Particulate Contamination: Visible Particles".. 1997. Third edition, Section 2.9.20. pp. 150-153.	
TU	BH	THE JAPANESE PHARMACOPOEIA. "Test for Insoluble Particles in Injections, Standard Test Procedures". JP XIV. Sections 23 and 24. pp. 44-47.	

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